Alternative Water Supply Funding Program

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Today's Discussion

- Program Summary
- Overview & Approach
- **FY2009 Program**



Program Summary (4th Year of New Program...)

FY2006 \$43.1 M 80 Projects 132 MGD

FY2007 \$40.5 M 62 Projects 65 MGD

FY2008 \$45.9 M 72 Projects 81 MGD

Actual Expenditures

■ FY2006 burn rate = 86%

■ FY2007 burn rate = 84%

FY2008 - ongoing

MGD – million gallons per day



Statutory Definition of Alternative Water Supply





- Saltwater & brackish water
- Surface water captured during wet weather
- Sources made available through new storage
- Reclaimed water
- Stormwater (for consumptive use)
- Other nontraditional sources

Project Evaluation

- Statutory Factors
- Governing Board Requirements



Statutory Factors to Evaluate Projects

Give Significant weight to projects that:

- 1. Limit water resource impacts
- 2. Reduce competition for water
- 3. Help implement a MFL or reservation
- 4. Achieve goal-based water conservation targets
- 5. Favorably compare water quantity with project costs
- 6. Deliver reuse water
- 7. Are implemented by a multi-jurisdictional entity





Statutory Factors to Evaluate Projects

Other Factors:

- 8. Uniform rate for customers in a multi-jurisdictional entity
- 9. Percentage of costs provided by the water supplier or user
- 10. Can be implemented w/in time provided in water supply plan
- 11. Subsequent phase of project already underway
- 12. Percentage of utility revenues transferred to government general fund





Governing Board Requirements

- 1. Consistency with Water Supply Plan
- 2. Ready to construct during fiscal year
- 3. Public education





Funding Approach

- Cost-share funding guidelines
 - **Implemented in FY2007**
 - **■** Based on water made available
 - Provides equity among projects



Recommended SFWMD Alternative Water Supply Program Cost-Share Funding Guidelines

Reclaimed Water Production Facilities for Irrigation Quality

(typically includes filters, disinfection, pumping)

	Cost (\$)									
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD	6 MGD	7 MGD	8 MGD	9 MGD	10 MGD
Recommended Funding	\$600,000	\$900,000	\$1,200,000	\$1,500,000	\$1,800,000	\$2,100,000	\$2,400,000	\$2,700,000	\$3,000,000	\$3,300,000
Water Made Available	11 MGD	12 MGD	13 MGD	14 MGD	15 MGD	16 MGD	17 MGD	18 MGD	19 MGD	20 MGD
Recommended Funding	\$3,600,000	\$3,900,000	\$4,200,000	\$4,500,000	\$4,800,000	\$5,100,000	\$5,400,000	\$5,700,000	\$6,000,000	\$6,300,000

Reclaimed Water Transmission/Distribution Projects

Up to 40 percent of estimated project cost

Brackish Water Production Facilities

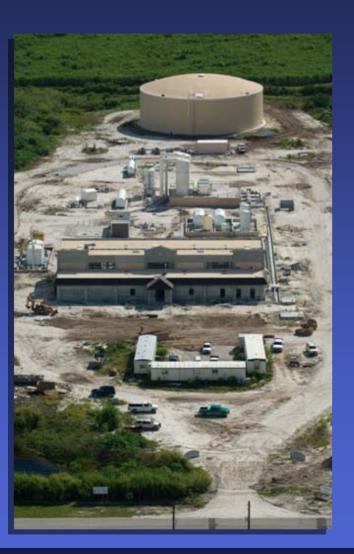
(typically includes RO plant, production wells, raw water pumping and transmission mains, and disposal of concentrate)

_	Cost (\$)									
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD	6 MGD	7 MGD	8 MGD	9 MGD	10 MGD
Recommended Funding	\$900,000	\$1,400,000	\$1,900,000	\$2,400,000	\$2,900,000	\$3,300,000	\$3,700,000	\$4,100,000	\$4,500,000	\$4,900,000
Water Made Available	11 MGD	12 MGD	13 MGD	14 MGD	15 MGD	16 MGD	17 MGD	18 MGD	19 MGD	20 MGD
Recommended Funding	\$5,300,000	\$5,700,000	\$6,100,000	\$6,500,000	\$6,900,000	\$7,300,000	\$7,700,000	\$8,100,000	\$8,500,000	\$8,900,000

Aquifer Storage and Recovery (ASR) Well Systems (typically includes well, wellhead, pumping, monitoring well)

	Cost (\$)								
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD				
Recommended Funding	\$500,000	\$800,000	\$1,100,000	\$1,400,000	\$1,700,000				

Funding Approach (cont'd.)



- Account for previous funding
- 25% funding reduction of work not completed in prior years
- Higher levels of funding for:
 - Economically disadvantaged communities
 - Special merit projects

FY2009 Program

■ March Kick-off Video Conference

April/May Working meetings at Service Centers

June 2 Application Deadline

July WRAC Meeting

September Governing Board Presentation

October 1 FY09 Projects begin implementation



Funding of Private Entity Projects



- Statutory definition includes both public and private users
- Program focused on resource benefits, not type of applicant
- Benefits extend beyond property boundaries
- 33 private entity projects funded since FY2006
 - 10 Private Utilities, 10 Agricultural, 13 Homeowner Associations/Golf Courses
 - **74 MGD made available**



State Funding

- \$15.6M (statutory minimum)
- Governor's FY2009 proposed budget \$18M to SFWMD

